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- IX. *An Account of a Method of measuring the comparative Intensities of the Light emitted by luminous Bodies.* By Lieutenant-General Sir Benjamin Thompson, Count of Rumford, F. R. S. In two Letters to Sir Joseph Banks, Bart. P. R. S. p. 67
- X. *An Account of some Experiments upon coloured Shadows.* By Lieutenant-General Sir Benjamin Thompson, Count of Rumford, F. R. S. In a Letter to Sir Joseph Banks, Bart. P. R. S. p. 107
- XI. *Investigations, founded on the Theory of Motion, for determining the Times of Vibration of Watch Balances.* By George Atwood, Esq. F. R. S. p. 119

APPENDIX.

Meteorological Journal kept at the Apartments of the Royal Society, by Order of the President and Council.

ERRATA.

- Page 14, line 17, for XY, read XI.
- Page 151, line 4, for remaining semiarc, read remaining part of the semiarc.
- Page 153, note, line 6 from the bottom, for 91, read 87.
- Ibid. note, line 4 from the bottom, for 5, read 9.
- Page 167, line 14, for so adjusted, read adjusted so.